



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/749,443	12/31/2003	George C. Schedivy	8002A-80 CIP	8963
7590	12/21/2005		EXAMINER CHANG, YEAN HSI	
Frank Chau F. CHAU & ASSOCIATES, LLP Suite 501 1900 Hempstead Turnpike East Meadow, NY 11554			ART UNIT 2835	PAPER NUMBER
DATE MAILED: 12/21/2005				

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/749,443

Applicant(s)

SCHEDIVY, GEORGE C.

Examiner

Yean-Hsi Chang

Art Unit

2835

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 31 December 2003.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-14 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-14 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 31 December 2003 is/are: a) ☐ accepted or b) ☒ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|---|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date <u>12/31/03 & 2/20/04</u> . | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Drawings

1. The drawings are objected to under 37 CFR 1.83(a). The drawings must show every feature of the invention specified in the claims. Therefore, the “the docking station comprises a control for releasing the display from a latched position” in claim 6 must be shown or the feature(s) canceled from the claim(s). No new matter should be entered.

Corrected drawing sheets in compliance with 37 CFR 1.121(d) are required in reply to the Office action to avoid abandonment of the application. Any amended replacement drawing sheet should include all of the figures appearing on the immediate prior version of the sheet, even if only one figure is being amended. The figure or figure number of an amended drawing should not be labeled as “amended.” If a drawing figure is to be canceled, the appropriate figure must be removed from the replacement sheet, and where necessary, the remaining figures must be renumbered and appropriate changes made to the brief description of the several views of the drawings for consistency. Additional replacement sheets may be necessary to show the renumbering of the remaining figures. Each drawing sheet submitted after the filing date of an application must be labeled in the top margin as either “Replacement Sheet” or “New Sheet” pursuant to 37 CFR 1.121(d). If the changes are not accepted by the examiner,

the applicant will be notified and informed of any required corrective action in the next Office action. The objection to the drawings will not be held in abeyance.

Claim Rejections - 35 USC § 102

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

3. Claims 1-4 and 11 are rejected under 35 U.S.C. 102(b) as being anticipated by Miyagawa et al. (US 6,081,420).

Miyagawa teaches a video display system (fig. 6A) comprising: a base portion (29), a first hinge (33) coupled to the base portion, an arm (shown in fig. 6A, not labeled) including a first end (lower end in fig. 7A) coupled to the first hinge, wherein the arm is movable about the first hinge, a second hinge (31) coupled to a second end (upper end in fig. 7A) of the arm, and a display panel (25) coupled to the second hinge, wherein the display is movable about the second hinge, the display panel comprising a display (12) (claim 1); wherein the display panel is latchable to the base portion, preventing movement of the display and arm (see col. 5, lines 61-63) (claim 2); wherein the display faces towards the base portion in a latched position (see fig. 7B) (claim 3); wherein the display faces away from the base portion in a latched position (see fig. 7C) (claim 4); and wherein the first hinge is positioned along an edge of the base portion

Art Unit: 2835

and the second hinge is positioned at a point of the display panel between two opposing edges (shown in fig. 6A) (claim 11).

4. Claims 1, 5-6 and 8 are rejected under 35 U.S.C. 102(b) as being anticipated by Rosen (US 6,292,236 B1).

Rosen teaches a video display system (fig. 2) comprising: a base portion (not shown), a first hinge (about axis A fig. 2) coupled to the base portion, an arm (shown in fig. 2, not labeled) including a first end (upper end in fig. 2) coupled to the first hinge, wherein the arm is movable about the first hinge, a second hinge (about axis B fig. 2) coupled to a second end (lower end in fig. 2) of the arm, and a display panel (30) coupled to the second hinge, wherein the display is movable about the second hinge, the display panel comprising a display (32) (claim 1); and a docking station (20) for securing the base portion (claim 5); wherein the docking station comprises a control (56) for releasing the display from a latched position (fig. 1) (claim 6); and wherein the docking station further comprises a door (34, fig. 1) hinged along a side of the docking station for selectively concealing the video display system (see col. 4, lines 6-13) (claim 8).

5. Claims 1 and 10 are rejected under 35 U.S.C. 102(b) as being anticipated by Kim et al. (US 6,081,420).

Kim teaches a video display system (fig. 1) comprising: a base portion (3), a first hinge (part of 15 at 33) coupled to the base portion, an arm (shown in fig. 1, not labeled)

including a first end (lower end in fig.1) coupled to the first hinge, wherein the arm is movable about the first hinge, a second hinge (part of 15 at 2) coupled to a second end (upper end in fig. 1) of the arm, and a display panel (2) coupled to the second hinge, wherein the display is movable about the second hinge, the display panel comprising a display (shown in fig. 1, not labeled) (claim 1); and a media player (6) for receiving a media comprising data to be displayed by the display (claim 10).

Claim Rejections - 35 USC § 103

6. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

7. Claims 1, 5, 7 and 9 are rejected under 35 U.S.C. 103(a) as being unpatentable over Ku et al. (US 6,266,236 B1) in view of Chang (US 6,409,242 B1).

Ku teaches a video display system (fig. 1) comprising: a base portion (12), a first hinge (at location 60) coupled to the base portion, an arm (for example, 52) including a first end (60) coupled to the first hinge, wherein the arm is movable about the first hinge, a second hinge (at location 58) coupled to a second end (58) of the arm, and a display panel (14) coupled to the second hinge, wherein the display is movable about the second hinge, the display panel comprising a display (34) (claim 1).

Ku fails to teach a docking station for securing the base portion.

Chang teaches a docking station (24, fig. 2) for securing a base portion of a video display system (22), comprising a control (48) for releasing the base portion from the docking station and bracket (portion of 24) for securing the base portion to a surface (see col. 3, lines 14-18) the bracket comprising a hinge (shown in fig. 6) coupled to a first point of the base portion (upper portion in fig. 2) and a latch for selectively securing a second point of the base portion (48, also see col. 3, lines 54-64).

It would have been obvious to one having ordinary skill in the art at the time the invention was made to combine the video display system of Ku with the docking station taught by Chang so that the system may be adapted to be an entertainment system on a vehicle.

8. Claims 12-14 rejected under 35 U.S.C. 103(a) as being unpatentable over Ma (US 5,255,214) in view of Chang and Jost (US 2003/0184137 A1).

Ma teaches a video display system (fig. 2) comprising: a base portion (2) comprising a media player (a portable computer may be used as a media player), a display panel (1) comprising a display (11), wherein the display panel is simultaneously moveable on an arc (see fig. 3) about a first point (22) of the base portion and a plurality of second points (see fig. 3) defined along the arc.

Ma fails to teach a docking station comprising a door for concealing the video display system, or a docking station securing the base portion to a vehicle headrest.

Chang teaches a docking station (24) for a video display system (22), and a bottom the video display system may be considered as a door for concealing the video

Art Unit: 2835

display system. Jost teaches a docking station (12, fig. 1) for securing a video display system to a headrest of a vehicle.

It would have been obvious to one having ordinary skill in the art at the time the invention was made to combine the video display system of Ma with a docking station either taught by Chang or by Jost for using the video display system of Ma as an entertaining video display system on a vehicle on the ceiling or on the headrest for preventing passengers on board from boring.

Correspondence

9. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Yean-Hsi Chang whose telephone number is (571) 272-2038. The examiner can normally be reached on 07:30 - 16:00, Monday through Thursday.

If attempts to reach the examiner by telephone are unsuccessful, the Art Unit phone number is (571) 272-2800, ext. 35. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300. Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system,

Art Unit: 2835

see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 305-8558.

Yean-Hsi Chang
Primary Examiner
Art Unit: 2835
December 15, 2005



YEAN-HSI CHANG
PRIMARY EXAMINER